

**Key steps:**

- You's Pd-catalyzed asymmetric prenylation
- Annulated reaction of **9**
- Staudinger-aza-Wittig Reaction

**Significance:**

Maimone and co-workers reported the first total synthesis of (-)-Caulamide A over 11 steps, showing their ring closing strategy and the application of (HAT)-based hydrogenations of alkenyl halides in the field of total synthesis.